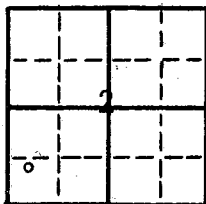


Phone phone 7-11-67
that he has received
on this well. Sharon

Subsequent Report of Abandonment

FILE NOTATIONS	
in NID File	<input checked="" type="checkbox"/>
On S R Sheet	<input checked="" type="checkbox"/>
Location Map Pinned	<input checked="" type="checkbox"/>
Card Indexed	<input checked="" type="checkbox"/>
IWR for State or Fee Land	<input type="checkbox"/>
Checked by Chief <u>PMB</u>	
Copy NID to Field Office <u>6-16-67</u>	
Approval Letter <u>6-16-67</u>	
Disapproval Letter <u> </u>	
COMPLETION DATA:	
Date Well Completed	<u> </u>
Location Inspected	<u> </u>
OW <u> </u> WW <u> </u> TA <u> </u>	Bond released <u> </u>
GW <u> </u> OS <u> </u> PA <u> </u>	State of Fee Land <u> </u>
LOGS FILED	
Driller's Log <u> </u>	
Electric Logs (No.) <u>2</u>	
E <u> </u> I <u> </u> E-I <u> </u> GR <u> </u> GR-N <u> </u> Micro <u> </u>	
Lat <u> </u> Mi-L <u> </u> Sonic <u> </u> Others <u> </u>	



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
 SALT LAKE CITY, UTAH

Fee and Patented.....☐
 State☒
 Lease No. 21513
 Public Domain☐
 Lease No.
 Indian☐
 Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill..... Notice of Intention to Change Plans..... Notice of Intention to Redrill or Repair..... Notice of Intention to Pull or Alter Casing..... Notice of Intention to Abandon Well.....	<input checked="" type="checkbox"/> 	Subsequent Report of Water Shut-off..... Subsequent Report of Altering Casing..... Subsequent Report of Redrilling or Repair..... Supplementary Well History.....
--	---	--

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

MIAMI STATE 513- NE SW SW May 23, 1967
 Well No. # 1 is located 663 ft. from {N} line and 661 ft. from {W} line of Sec. 2
SW $\frac{1}{4}$ SW $\frac{1}{4}$ 2 11 South 15 East SLB&M
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 7124' feet. (Ground Level)

A drilling and plugging bond has been filed with

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

8-5/8" J-55 24# surface casing will be set at 250', cemented with 150 sx cement circulated to surface. 7-7/8" hole will be drilled to Total Depth of 5300' with water base mud system. Expected formation tops:

Green River
 Parachute Creek
 Black Shale (Upper)
 Wasatch Tongue
 Black Shale (Lower)
 Wasatch Formation

Green River - Wasatch Test

43-013-20246

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

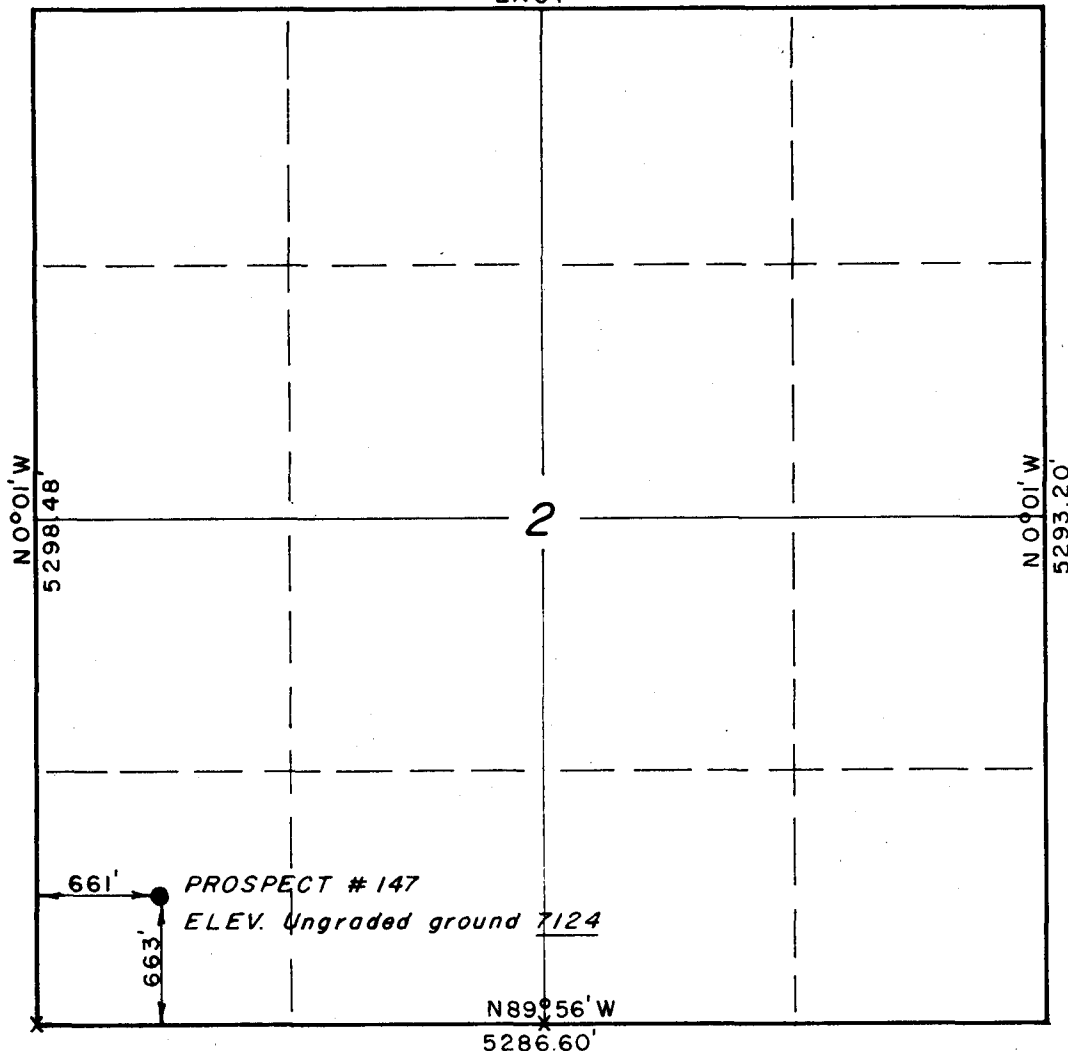
Company MIAMI OIL PRODUCERS, INC.
P. O. Drawer 2040
 Address Abilene, Texas

By Jean Oliver
 Title Vice President

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

T11S, R15E, SLB&M

EAST



X = Corners Located (Stones)

PROJECT

MIAMI OIL PRODUCERS INC.
WELL LOCATION AS SHOWN IN THE
SW 1/4-SW 1/4, SEC. 2, T11S, R15E, SLB&M.
DUCHESE COUNTY, UTAH.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED
FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER
MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT
TO THE BEST OF MY KNOWLEDGE AND BELIEF.

William D. Hall

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454 UTAH

Uintah Engineering & Land Surveying

BOX Q

VERNAL, UTAH

SCALE

1"=1000

PARTY

NJM-LCK

WEATHER

WINDY

DATE

29 April, 1967

REFERENCES

GLO Township Plat

FILE

MIAMI OIL PRODUCERS

Miami Oil Producers, Inc.

DRILLING - DEVELOPING - OPERATING OIL PROPERTIES

TELEPHONE OR 4-6253

P. O. DRAWER 2040

Abilene, Texas

CARL MILES
PRESIDENT

June 14, 1967

Utah Oil and Gas Conservation Commission
348 E. So. Temple
Salt Lake City, Utah

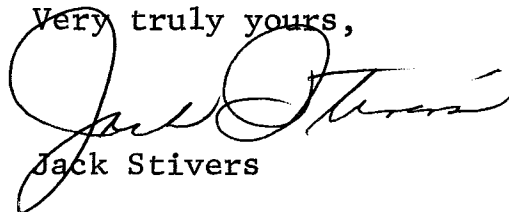
Re: Miami State 513 #1
SWSW Sec. 2-11S-15E
Duchesne County, Utah
Our Prospect No. 147

Gentlemen:

We enclose application to drill in connection with
the above location, together with copy of surveyor's
plat.

We shall appreciate early approval of this application.

Very truly yours,



Jack Stivers

JS:mdl
Enclosures

June 16, 1967

Miami Oil Producers, Inc.
P. O. Box 2040
Abilene, Texas

Re: Miami State 513 #1,
Sec. 2, T. 11 S., R. 15 E.,
Duchesne County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted. However, this approval is conditional upon a bond being furnished to the Utah State Land Board.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHILL, Chief Petroleum Engineer
HOME: 277-2890 - Salt Lake City, Utah
OFFICE: 328-5771 - 328-5772 - 328-5773

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed Please find Form OGCC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

Miami Oil Producers, Inc.

June 16, 1967

-2-

The API number assigned to this well is 43-013-20246 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:sc

cc: Utah State Land Board
105 State Capitol Building
Salt Lake City, Utah 84114

Sharon 8/24

**THE STATE OF UTAH
STATE LAND BOARD**

9/10

SALT LAKE CITY, UTAH 84114

June 23, 1967

Miami Oil Producers, Inc.
P.O. Box 2040
Abilene, Texas

Gentlemen:

This office has received a copy of the letter from the Utah Oil and Gas Conservation Commission, giving your company permission to commence the drilling of your well Miami State 513 #1, Section 2, Township 11 South, Range 15 East. As you will note, this approval was conditional upon a bond being filed with this office.

I am enclosing a supply of oil and gas drilling bond forms which may be used for submitting a bond to this office.

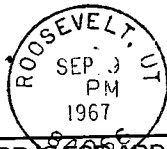
All our records indicate that this section is covered by Utah State oil and gas lease ML 21513, with Midwest Oil Corp., 1700 Broadway, Denver, Colorado as lessee. Our regulations provide that where the operators are different than the lessee, both parties must appear as principals on the oil and gas drilling bond. You should file this bond with this office prior to the commencement of operations on the above captioned well.

Yours very truly,

DONALD G. PRINCE
ECONOMIC GEOGRAPHER

Enclosures
DGP:sl

cc: Oil and Gas Conservation Commission
348 East South Temple
Salt Lake City, Utah



THIS SIDE OF CARD IS FOR ADDRESS



Mr. Paul Burschell
348 East South Temple
Suite 301
Salt Lake City, Utah



(THIS ADDRESS ONLY)



Mr. Paul Burschell
348 East South Temple
Suite 301
Salt Lake City, Utah

THIS SIDE OF CARD IS FOR ADDRESS

U.S. POSTAGE

Mr. Paul Buschell
348 East South Temple
Suite 301
Salt Lake City, Utah

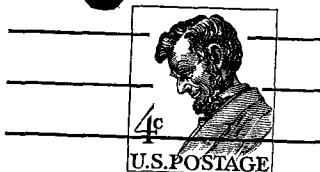


THIS SIDE OF CARD IS FOR ADDRESS

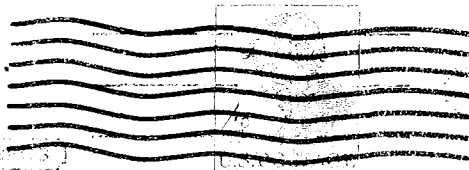


Mr. Paul Buschell
348 East South Temple
Suite 301
Salt Lake City, Utah

THIS SIDE OF CARD IS FOR ADDRESS



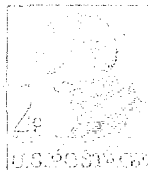
Mr. Paul Buschell
348 East South Temple
Suite 301
Salt Lake City, Utah



Mr. Paul Burchell
348 East South Temple
Suite 301
Salt Lake City, Utah

SEP 18 1967

(THIS SIDE OF CARD IS TO BE OPENED)



QOT 8 00

Mr. Paul Burchell
348 East South Temple
Suite 301
Salt Lake City, Utah

Miami #1 Miami-State 51.
Duchesne Co., Utah

-67 Only. 4782 SEP 19 1

Will log tonight

Miami #1 Miami-State 513
Duchesne Co., Utah

9-16-67 Only 4334

Top Wasatch Tongue 4131

DST #1 4148-63 (straddle
test at T.D. 4190). Open
30 min, SI 60 min, open 90
min, SI 60 min, Rec 720'
gas in pipe + 960' fluid:
150' HOCMCO, 60' OCM, 500'
SOCMW, 250' SOCW (res.
0.26 @ 62°). BHFP 62-458,
SIP 1186-1165, HP 2056-2051

DST #2 4148-55 (straddle
test at T.D. 4190). Open
90 min, SI 60 min, Rec
1580' gas in pipe + 370'
fluid: 200' MCO (est 70%
oil), 140' HOCM (est 50%
oil), 30' MW (res. 0.31 @ 74°),
BHFP 42-188, FSIP 1189,
HP 2060-2060.

Sharon
Miami #1, Miami - State 513
Duchesne Co., Utah

9-9-67 Drly. 3671

SEP 11 1967

Sharon
Miami #1, Miami - State 513
Duchesne Co., Utah

9-13-67 3994 Shut down, repairs.

SEP 14 1967

Sharon
Miami Oil Producers #1 Miami -
State 513
C SW SW 2-11S-15E
Duchesne Co., Utah
Elev. 7136' KB

Spud 9-1-67

8 5/8" - 236' - 160 sk cement

Top Parachute Creek Member 1580'

9-6-67 Drly @ 2633'

Sharon

Miami #1 Miami - State 513

Duchesne Co., Utah

9-11-67 Dslg. 3748

SEP 12 1967

Sharon

Miami #1 Miami - State 513

Duchesne Co., Utah

9-14-67 Dslg. 4102

SEP 15 1967

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City, Utah

			2				
0							

LOCATE WELL CORRECTLY

To be kept Confidential until _____
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Operating Company MIAMI OIL PRODUCERS, INC. Address P. O. Drawer 2040, Abilene, Tex.
Lease or Tract MIAMI STATE 513 Field Wildcat State Utah
Well No. #1 Sec. 2 T. 11S R. 15E Meridian SLBM County Duchesne
Location _____ ft. $\left\{ \begin{smallmatrix} N. \\ S. \end{smallmatrix} \right\}$ of _____ Line and _____ ft. $\left\{ \begin{smallmatrix} E. \\ W. \end{smallmatrix} \right\}$ of _____ Line of _____ Elevation _____
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____

Date Sept. 21, 1967

Title Geologist

The summary on this page is for the condition of the well at above date.

Commenced drilling 9/1/67, 19____ Finished drilling 9/18/, 19 67

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4148 to 4168 O/W No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8	24#	8rd	J-55	7 Jt	-----	-----	-----	-----	-----

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	236' KB	160	Pump		Surface casing, cement circulated.

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 4860 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

DATES

Date P & A 9/20, 1967 Put to producing, 19.....

The production for the first 24 hours was barrels of fluid of which% was oil;% emulsion;% water; and% sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

Unknown - contractor:, Driller, Driller

Miracle Drilling Co.,, Driller, Driller

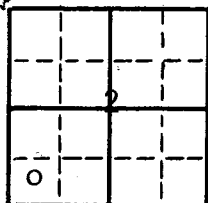
Vernal, Utah

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Electric Log Tops:</u>			At the end of complete Driller's Log add Geologic Tops. State whether from Electric Logs or samples.
Green River		513	<u>NO CORES.</u> DST # 1 - Straddle Packer Test-4148' to 4163'. Tool open 1½ hrs. with good air blow throught test. Recovered 720' gas in DP; 150' HGCMC Oil, 60' OCM, 500' SOCMdy Wtr; 250' SOC Water.. Pressures: FP 62#/458#; 60 Min. ISIP 1186#, 60 Min. FSIP 1165#, In. Hydro. 2056#; Final Hydro 2056#. DST # 2 - 4148' to 4155' - Straddle Packer Test. Tool open 90 minutes with weak air blow increasing to fair air blow at end of test. Recovered 1580' Gas in DP; 200' MCO, 140' HOCM, 30' muddy water.(Filtrate water) Pressures: IFP 42#, FFP 188#; 60 Min. ESIP 1189#. No ISIP taken. In. Hydro. 2060#, Final Hydro. 2060#.
Parachute Creek Member		1503	
Wasatch Tongue		4130	
Green River Tongue		4565	
			No other tests.

[OVER]

SEP 25 1967



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
 SALT LAKE CITY, UTAH

Fee and Patented.....☐
 State☒
 Lease No. 21513
 Public Domain☐
 Lease No.
 Indian☐
 Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill..... Notice of Intention to Change Plans..... Notice of Intention to Redrill or Repair..... Notice of Intention to Pull or Alter Casing..... Notice of Intention to Abandon Well.....	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Subsequent Report of Water Shut-off..... Subsequent Report of Altering Casing..... Subsequent Report of Redrilling or Repair..... Supplementary Well History <i>PVA</i>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
--	--	--	---

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 20, 1967

Miami State 513

Well No. #1 is located 663 ft. from {^N_S} line and 661 ft. from {^E_W} line of Sec. 2

SW $\frac{1}{4}$ SW $\frac{1}{4}$ 2 11 South 15 East SLB&M

(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat Duchesne Utah

(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 7124' GL feet.

A drilling and plugging bond has been filed with State of Utah

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Plugging of well as outlined on Notice of Intention to Abandon Well has been completed and location marked as Dry and Abandoned.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Miami Oil Producers, Inc.

Address P. O. Drawer 2040
 Abilene, Texas 79604

By

Title Geologist

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

OIL AND GAS CONSERVATION COMMISSION

AFFIDAVIT AND RECORD OF ABANDONMENT AND PLUGGING

PLUGGING METHODS AND PROCEDURE: --The method and procedure for plugging a well shall be as follows:

- (a) The bottom of the hole shall be filled to, or a bridge shall be placed at the top of each producing formation open to the well bore, and in either event, a cement plug not less than fifty (50) feet in length shall be placed immediately above each producing formation open to the well bore whenever possible,
- (b) A cement plug not less than fifty (50) feet in length shall be placed at approximately fifty (50) feet above and below all fresh water bearing strata.
- (c) A plug shall be placed at or near the surface of the ground in each hole.
- (d) The interval between plugs shall be filled with heavy mud-laden fluid.
- (e) The hole shall be plugged with heavy mud up to the base of the surface string at which point a plug of not less than fifty (50) feet of cement shall be placed.

Field or Pool Wildcat County Duchesne
 Lease Name Miami State 513 Well No. #1 Sec. 2 Twp. 11S R. 15E
 Date well was plugged: 9/20/, 19 67.

Was the well plugged according to regulation of the Commission: Yes - per verbal instructions of Mr. Frank Salwerowicz

Set out method used in plugging the well, the nature and quantities of materials used in plugging, size of plugs, location and extent (by depths) of the plugs of different materials, and the amount of casing left in hole, (giving size, top and bottom elevations of each section of abandoned casing).

Heavy mud laden fluid was used in plugging operations - cement plugs were set as follows:

Plug No. 1 4050' to 4200' with 50 sx cement.

Plug No. 2 1475' to 1575' with 35 sx cement.

Plug No. 3 336' to 236' with 15 sx cement.

Plug No. 4 0' to 10' with 15 sx cement.

Steel cap was welded in top of surface, and well marker erected.

Operator MIAMI OIL PRODUCERS, INC.

Address P. O. Drawer 2040

Abilene, Texas 79604

AFFIDAVIT

STATE OF ~~UTAH~~ TEXAS

COUNTY OF TAYLOR

Before me, the undersigned authority on this day personally appeared Clyde Fife, known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein, and that said report is true and correct.

Subscribed and sworn to before me this 21 day of Sept., 19 67.

My Commission Expires:

June 1, 1969.

Marjorie D. Lubbering
 NOTARY PUBLIC
 Marjorie D. Lubbering, Taylor County,
 Texas

INSTRUCTIONS: Complete this form in duplicate.

Sharon

CM

Miami Oil Producers, Inc.

DRILLING - DEVELOPING - OPERATING OIL PROPERTIES

TELEPHONE OR 4-6253

P. O. DRAWER 2040

Abilene, Texas

CARL MILES
PRESIDENT

September 22, 1967

Utah Oil and Gas Conservation Commission
348 South Temple
Salt Lake City, Utah 84100

Re: Our Prospect No. 147
Miami State 513 #1
Duchesne County, Utah

Gentlemen:

We enclose in duplicate Sundry Notices and Reports on Wells, Log of Oil or Gas Well, and Affidavit and Record of Abandonment and Plugging, in connection with the above location.

Logs on this well should be furnished directly to your office by Schlumberger. In the event you fail to receive them, kindly advise and we will forward copies when they reach our office.

Very truly yours,

Jack Stivers
Jack Stivers

JS:mdl
Enclosures

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
SALT LAKE CITY, UTAH

Fee and Patented.....☐
State☒
Lease No. 21513
Public Domain☐
Lease No.
Indian☐
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill..... Notice of Intention to Change Plans..... Notice of Intention to Redrill or Repair..... Notice of Intention to Pull or Alter Casing..... Notice of Intention to Abandon Well.....	X	Subsequent Report of Water Shut-off..... Subsequent Report of Altering Casing..... Subsequent Report of Redrilling or Repair..... Supplementary Well History.....
---	---	--

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 20, 1967

Miami State 513

Well No. # 1 is located 663 ft. from {N} line and 661 ft. from {W} line of Sec. 2

SW $\frac{1}{4}$ SW $\frac{1}{4}$ 2 11 South 15 East SLB&M

(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat Duchesne Utah

(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 7124' GL feet.

A drilling and plugging bond has been filed with State of Utah

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Well was spud 9/1/67. 7 jts of 8-5/8" J-55 24# surface casing was set at 236' KB, cemented with 160 sx cement. Good returns on cement. Well was tested from 4148' to 4163' and from 4148' to 4155' (Straddle packer tests). Well was deemed to be non-commercially productive. Total Depth of well was 4860'. Requested and received permission from The State of Utah (Mr. Frank Salwerowicz) to plug and abandon. Plugging well as follows:

Plug No. 1 4050' to 4200' with 50 sx cement.
 Plug No. 2 1475' to 1575' with 35 sx cement.
 Plug No. 3 336' to 236' with 15 sx cement.
 Plug No. 4 0' to 10' with 5 sx cement.

Well marker to be erected in surface.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company MIAMI OIL PRODUCERS, INC.

P. O. Drawer 2040

Address Abilene, Texas 79604

By

Title

Geologist

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

Sharon

WARREN B. SCOBIEY A.A.P.G., A.I.P.G. CONSULTING GEOLOGIST

CR

14182 WEST 22ND AVENUE,

GOLDEN, COLORADO 80401

279-2963

MIAMI OIL PRODUCERS, INC. #1 MIAMI-STATE 513

C SW SW 2-11S-15E

Duchesne County, Utah

GEOLOGIC REPORT

Elevation: 7124 Gr, 7136 KB

Spudded: September 1, 1967

Completed: September 19, 1967 P&A

Hole size: 7-7/8" from surface casing to T.D.

Casing: 8-5/8" at 236' w/160 sx

Total depth: 4860 Driller, 4860 Schlumberger

Mud: Baroid Division. Mudded up at 2700.
Mud characteristics: Weight 9.1-9.4
Viscosity 35-44
Water loss 6.4-7.8

Contractor: Miracle Drilling Co., Vernal Utah
Rig #2 Toolpusher: H. H. Murphy

Cores: None

Samples: 30' samples 300-1560, 10' samples 1560-4860.
Samples turned in to American Stratigraphic Co., Denver, Colorado. A duplicate set was sent to Bureau of Mines, Laramie, Wyoming.

Testing: 2 DST's by Halliburton

Logging: Schlumberger I-ES and SGR-CAL

Gas detector: Baroid 1 man with chromatograph at 2940

Miami #1 Miami-State 513

Electrical Log Tops

Green River	531 (+6605)
Parachute Creek	1503 (+5633)
Wasatch Tongue	4130 (+3006)
Green River Tongue	4565 (+2571)
Wasatch	4743 (+2393)

Drillstem Tests

DST #1 4148-63 Open 30 min, SI 60 min, open 90 min, SI 60 min, Rec 720' gas in pipe and 960' fluid: 150' HGCMCO, 60' OCM, 500' SOCMW, 250' SOCW. Res. of wtr 0.26 @ 62 deg. BHFP 62-458, SIP 1186 1165, HP 2056-2056. Btm pkr held. (straddle test at depth 4190)

DST #2 4148-55 Open 90 min, SI 60 min, Rec 1580' gas in pipe and 370' fluid: 200' MCO (est 70% oil), 140' HOCM (est 50% oil), 30' MW. Res. of wtr 0.31 @ 74 deg. BHFP 42-188, FSIP 1189, HP 2060-2060. Btm pkr held. Pour point 92 deg., DST temp. 112 deg., Gr. 30.3 at 60 deg. (straddle test at depth 4190)

Discussion

Several sandstones had shows, but the only one of any consequence was the one 4150-80 in the upper part of the Wasatch Tongue. This well-developed sand appears to have been encountered very close to the oil-water contact. From the drillstem tests, log interpretation, and sample examination it seems that the top few feet is in the oil zone, with a transition zone of oil and water below down to the shale break at 4170, with water sand below that. Since there was no vertical barrier between the oil and the transition zones, except possibly a two foot section of tighter sand, it was concluded that this reservoir would not be commercial. Because of the low volume of oil on DST #2 the well would have had to be fract and in all probability the frac would go downward into the water resulting in a well making a little oil and a lot of water.

✓ Another test nearby seems to be called for. If this same sandstone can be found updip, and updip regionally is SSW, it should be oil productive. This sand should have a good chance of being present nearby, as it correlates with a water-bearing sand five miles east and lower structurally in the Miami #1-A Miami-Federal 427. The correlation doesn't prove that the reservoir is continuous, but it may be.

Miami #1 Miami-State 513

Bit Record

<u>Bit No.</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>From</u>	<u>To</u>	<u>Feet</u>	<u>Hours</u>
1	7-7/8	Smith	DTS	245	1030	785	13
2	"	"	DG	1030	1570	540	10-1/2
3	"	"	K2P	1570	1859	289	9-3/4
4	"	"	V2	1859	2240	481	13
5	"	"	"	2240	2633	393	15
6	"	"	"	2633	2937	304	14-1/4
7	"	"	"	2937	3152	215	9-3/4
8	"	"	C2	3152	3337	185	12-3/4
9	"	"	"	3337	3562	225	15-1/2
10	"	"	"	3562	3673	111	5-1/2
11	"	"	"	3673	3808	135	10-1/4
12	"	"	"	3808	3956	148	10-1/4
13	"	"	"	3956	4104	148	11-3/4
14	"	"	"	4104	4190	86	6
15	"	"	"	4190	4317	127	9-1/2
16	"	"	"	4317	4435	118	10-3/4
17	"	"	"	4435	4608	173	14-3/4
18	"	"	V2	4608	4724	116	10
19	"	"	"	4724	4860	136	11

Deviation Surveys

<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>
1/2	90	2-3/4	2937
1/2	245	2-3/4	3152
1/4	499	2-3/4	3313
1	1000	2-3/4	3562
2-1/4	1570	2-1/4	3808
2-1/4	1690	2-1/4	4104
3	1827	2	4317
3-1/4	2240	1-1/2	4608
2-1/2	2633		

Miami #1 Miami-State 513

<u>Well History</u>		
<u>Date</u>	<u>8 AM Depth</u>	<u>Remarks</u>
9-1-67		Spudded 9:30 PM.
9-2-67	185	Set surface casing, plug down 1 PM.
9-3-67	619	Drilled plug 1 AM.
9-4-67	1570	
9-5-67	2136	
9-6-67	2633	
9-7-67	3068	
9-8-67	3382	
9-9-67	3673	
9-10-67	3673	Rig repairs 40 hr.
9-11-67	3772	
9-12-67	3994	
9-13-67	3994	Rig repairs 40 hr.
9-14-67	4104	
9-15-67	4190	Took DST #1 and DST #2.
9-16-67	4345	
9-17-67	4589	
9-18-67	4798	Started logging.
9-19-67	4860	Finished logging. WOO. Plugged.

Plugging Program

50 sacks cement 4050-4200
35 sacks cement 1475-1575
15 sacks cement at base surface casing
5 sacks cement at top surface casing

Miami #1 Miami-State 513

10' Drilling Time

500-600	8-5-4-5-5	5-7-4-4-4
600-700	5-5-5-6-6	5-4-4-4-5
700-800	4-5-5-5-8	7-5-8-8-7
800-900	8-7-5-5-4	5-9-10-8-8
900-1000	8-9-11-7-9	6-13-10-11-13
1000-1100	13-7-13-11-14	4-12-10-9-10
1100-1200	7-8-8-7-8	8-11-9-15-9
1200-1300	5-4-10-10-10	9-7-6-7-7
1300-1400	6-8-7-10-9	10-8-8-7-19
1400-1500	10-10-6-12-9	10-12-13-9-9
1500-1600	13-20-17-13-15	10-8-7-45-33
1600-1700	20-11-9-13-9	11-9-13-16-16
1700-1800	26-26-21-26-35	17-19-19-22-22
1800-1900	23-10-18-14-16	25-23-26-25-26
1900-2000	25-29-21-28-28	10-17-26-24-19
2000-2100	19-16-17-15-11	15-16-17-10-10
2100-2200	16-19-18-22-18	17-12-18-20-17
2200-2300	16-15-22-19-21	23-20-20-12-16
2300-2400	20-15-15-14-17	22-22-29-25-22
2400-2500	19-18-24-17-19	18-24-27-25-14
2500-2600	10-19-21-19-23	31-31-35-31-31
2600-2700	28-18-15-19-18	21-13-11-14-20
2700-2800	23-24-24-29-37	39-36-39-30-17
2800-2900	20-21-26-34-37	27-27-24-28-24
2900-3000	28-32-37-39-34	39-26-24-18-25
3000-3100	24-24-27-33-33	24-25-30-28-19
3100-3200	20-27-26-31-28	49-34-33-32-22
3200-3300	37-40-36-34-42	44-41-42-47-43
3300-3400	43-45-37-45-31	36-38-35-35-39
3400-3500	36-39-32-35-42	40-45-44-42-40
3500-3600	45-48-40-21-37	54-47-36-35-37
3600-3700	26-32-22-22-32	19-21-45-57-62
3700-3800	53-41-43-24-28	44-43-23-47-61
3800-3900	68-37-37-30-27	28-31-42-43-45
3900-4000	33-31-58-54-48	53-38-43-51-62
4000-4100	55-49-59-44-40	31-47-50-22-35
4100-4200	66-48-51-60-27	16-22-38-61-44
4200-4300	41-47-48-47-32	23-28-51-31-50
4300-4400	50-75-53-58-44	52-54-48-61-52
4400-4500	56-57-49-38-30	33-40-50-54-42
4500-4600	46-46-52-42-61	65-46-43-63-54
4600-4700	55-50-50-63-50	39-42-49-40-55
4700-4800	62-51-58-35-45	47-50-46-52-47
4800-4860	47-41-40-55-46	44

Miami #1 Miami-Federal 513

Sample Description
(interpretive samples using log depths)

- 1503-54 ss, vfg to fg gr, sl calc, "S&P", micac, tight to poor perm, tr blk residue
- 73 sh, gr sl calc
- 1694 sh, br, dk br, calc
- 1694-1709 sh, gr sl calc
- 1709-56 sh, gr sl calc, ptly silty; sltst, gr calc, shaly; streaks of ss, vfg to fg gr, calc, ptly shaly, tight
- 1800 sh, tan, br, gr, calc
- 1800-17 sh, gr, gr-br, dk br, calc
- 64 ls, earthy crm; sh, gr, gr-grn, sl calc, ptly silty, br, calc; tr ss, fg gr calc, tight, blk dead oil stn
- 1948 sh, same; sltst, gr calc, ptly shaly; streaks of ss, vfg to fg gr, calc, micac, tight, speckled blk dead oil stn
- 1948-70 ls, earthy crm
- 2007 ss, fg gr calc, micac, tight to poor perm, speckled blk dead oil stn; sh, gr-grn sl calc
- 2007-80 sh, same; also br calc; streaks of ss, vfg to fg gr, calc, micac, tight, ptly speckled dead oil stn; ls, earthy to dense, crm to tan
- 2102 ss, fg gr calc, micac, tight to poor perm, speckled dead oil stn
- 2102-49 sh, gr, gr-grn, ptly calc, ptly silty, br calc; streaks of ss, same; streaks of ls, earthy to dense, crm to tan
- 2222 ls, same; sh, same
- 2222-54 sh, gr sl calc, ptly silty, br calc; sltst, gr calc
- 2454 sh, gr, gr-grn sl calc, ptly silty, br calc; sltst, gr calc; ls, earthy to dense, crm to tan
- 2454-99 sh, br calc, gr, gr-grn, sl calc; ls, same; sltst, same
- 2518 ss, fg gr sl calc, poor to fair perm, lt to med to dk br oil stn, ptly mott, poor fluor, good cut
- 2518-54 sh, gr sl calc, ptly silty
- 2612 sh, gr-grn sl calc, br calc; ls, dense, crm, tan
- 2612-37 ss, vfg lt gr calc, tight to poor perm
- 74 sh, br calc, gr-grn sl calc; ls, earthy to dense, tan; sltst, gr, gr-grn, calc
- 94 ss, vfg lt gr calc, tight to poor perm; tr gilsonite
- 2790 sh, gr, gr-grn, grn, rd-br, sl calc; sltst, gr calc
- 2790-2839 ss, vfg to fg gr calc, micac, sl "S&P", tr pyritic, tight
- 53 sh, gr, gr-grn, grn, rd-br, sl calc; ss, same

Miami #1 Miami-State 513

- 2853-2950 ss, vfg to fg, gr, calc, mostly tight w/some poor perm; sh, grn, gr-grn, ptly silty, sl calc, rd-br sl calc; sltst, gr calc
- 2950-72 sh, gr, dk gr, gr-grn, sl calc; ls, dense tan ostracodal; sltst, same
- 3000 ls, dense dk gr, gr-br, br, oolc, ostracodal w/tr por and lt stn; sh, grn, gr-grn, sl calc, dk br calc
- 3000-46 sh, gr, br, calc, gr-grn sl calc; sltst, gr calc; ss, fg gr calc, sl "S&P", shaly, tight
- 3142 ss, vfg to fg, crm to gr, calc, tight to poor perm, tr br oil stn; sh, gr, gr-br, br, ptly calc; sltst, same
- 3142-50 ls, dense gr-br, finely oolc, tr asphalt
- 78 sh, gr-grn, sl calc; sltst, same
- 3204 ss, vfg gr, gr-crm, calc, ptly sl ostracodal, tight
- 3204-70 sh, gr-grn, grn, tan, br, rd-br, ptly calc, ptly silty; sltst, gr calc, ptly shaly
- 3340 sh, gr, grn, gr-grn, sl calc, ptly silty; sltst, same
- 3340-53 sh, rd-br, gr-grn, sl calc
- 3408 sh, gr, dk gr, gr-br, gr-grn, rd-br, ptly calc, ptly silty; sltst, gr, gr-tan, calc
- 3408-41 ss, vfg to fg, gr, calc, tight; sltst, same; sh, gr-grn, tan, sl calc
- 50 sh, gr-grn, gr, grn, tan, ptly calc, ptly silty
- 72 sh, dk br, gr-br, br, calc
- 3530 sltst, gr calc; ss, vfg gr to crm, calc, tight; sh, grn, gr-grn, sl calc, ptly silty
- 3530-50 ss, vfg to fg, gr to gr-crm, calc, friable, tight to poor perm
- 90 sh, gr, gr-br, br, calc, ptly silty; streaks of ls, dense tan
- 94 ss, vfg gr calc, tight, fair stn, poor fluor
- 3622 sltst, gr calc; sh, grn, gr-grn, sl calc
- 3622-50 ss, vfg gr-crm, calc, tight; tr pyrite
- 70 ss, vfg to fg, gr to gr-crm, calc, sl "S&P", ptly pyritic, tight to poor perm
- 3731 sh, rd-br, gr, gr-grn, br, sl calc; sltst, gr, crm, tan, calc; streaks of ss, vfg to fg, gr to crm, tight
- 3731-58 ss, vfg to fg gr, crm, calc, ptly shaly, ptly pyritic, tight
- 68 sh, gr sl calc; sltst, gr calc, ptly shaly
- 86 ss, vfg to fg gr, calc, tight
- 3846 sh, br, dk br, calc
- 3846-60 ls, dense br, tan, gr, ostracodal, ptly dk stn
- 3910 sltst, gr calc, ptly ostracodal, ptly shaly; sh, gr sl calc; streaks of ss, fg gr calc, tight

Miami- #1 Miami-State 513

- 3910-20 ss, vfg to fg, gr, calc, sl micac, tight
 37 sh, gr sl calc
 68 sh, br, dk br, gr-br, calc; sltst, same; ls, dense
 4046 sh, gr, gr-grn, grn, rd-br, br, sl calc, dk br calc;
 sltst, gr calc, ptly shaly
 4046-63 ls, earthy to dense, tan to br, ostracodal, ptly stn
 80 sh, dk br calc; ss, vfg gr calc, ptly "S&P", ptly
 shaly, tight
 4100 ss, fg gr sl calc, sl "S&P", tight to poor perm
 4100-30 sh, dk gr sl calc, dk br calc; ss, vfg gr, dk gr,
 gr-tan, calc, "S&P", ptly shaly, tight; tr
 gilsonite
 45 sh, rd-br, blk, sl calc; sltst, gr calc
 50 ss, vfg to fg, gr to dk gr, calc, sl "S&P", ptly
 shaly, tight
 69 ss, fg w/sl amt mg, gr, and, tight to poor perm,
mostly fair stn w/tighter sd w/NS, no to v poor
fluor, good cut, stained sd v sl to not calc
 71 sltst, gr calc
 80 ss, fg w/sl amt mg, gr, ang, ptly calc, "S&P", tight
 to poor perm, small amt dk br oil stn
 4241 sh, maroon, gr, gr-grn, sl calc; sltst, gr, gr-grn,
 calc, shaly
 4241-71 ss, vfg to fg lt gr, sl calc, "S&P", tight, tr mott
fair stn
 80 sh, same as above
 90 ss, mg gr, "S&P", non-calc, tight, 10% has v lt stn,
lt milky fluor, fair cut
 97 sh, gr, maroon
 4305 ss, fg to mg, gr, "S&P", non-calc, tight
 4305-4406 sh, maroon, gr, gr-grn; sltst, gr calc, ptly shaly
 4406-40 sltst, gr calc, sl shaly; ss, vfg gr calc, ptly
 shaly, tight
 68 ss, fg gr sl calc, "S&P", and, tight, ptly lt to
fair stn, fair fluor; sh, same
 73 ls, dense to earthy, tan, br, gr, ostracodal
 4565 sltst, gr calc, ptly shaly; sh, maroon, gr-grn, gr
 4565-80 sh, dk br calc
 4626 ls, dense, br ptly ostracodal; sh, dk br, gr-br,
 calc
 4626-48 sh, gr, gr-grn, maroon, sl calc, dk br calc; sltst,
 gr sl calc, ptly shaly
 55 ls, dense, br, gr, ostracodal
 59 sh, gr, gr-br, dk br, calc
 64 ss, vfg gr to gr-tan, sl calc, "S&P", micac, tight,
ptly v lt stn, sl fluor
 86 sh, same as above; ss, same but NS; ls, earthy to
 dense, br, ptly sl stn in earthy

Miami #1 Miami-State 513

4686-4724 sh, gr, gr-grn, grn, maroon, ppl, sl calc, br
calc; ls, dense br, gr, ostracodal; sltst, gr
calc

4724-43 ls, same; sh, same

84 sh, maroon, gr-grn, grn, gr

94 ss, vfg gr sl calc, silty, "S&P", tight; sltst,
gr calc, ptly shaly

4824 sh, maroon, ptly calc, ptly silty, gr, choc br,
gr-grn

4824-40 sh, maroon, gr, gr-grn

60 sh, same; ss, vfg to fg gr calc, "S&P", tight

will file

OK

PLUGGING PROGRAM FOR:

MIAMI OIL PRODUCERS
WELL NO. MIAMI STATE 513-#1
Sec. 2, T. 11 S., R. 15 E.,
API 43-013-20246

TOTAL DEPTH: 4860'

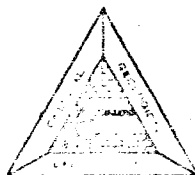
Parachute Creek: 1503' ---
Wasatch Tongue: 4130' |
Green R. Tongue: 4565'
Wasatch: 4743'

8 5/8" casing set at 236'

50 sack plug from 4050' to 4200' - cover only permeable sands
(oil and water at 4150')
sand at 4080' - good permeability and water

35 sacks 1475'-1575'
15 sacks base of surface *fig*
5 sacks at top

By Frank H. S. G. S. - 9/19/67



CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MEMBER Chevron Oil Company
OPERATOR Midland Oil Producers
WELL NO. 1 Miami-State 513
FIELD Wildcat
COUNTY Duchesne
STATE Utah

LAB NO. 23670 REPORT NO. _____
LOCATION SW SW 2-11S-15E
FORMATION Green River - Wasatch
INTERVAL _____
SAMPLE FROM DST No. 1 (Bottom of recovery)
DATE October 3, 1967

REMARKS & CONCLUSIONS: Orange water, orange filtrate.

Recovered 960' total fluid as: 60' gas cut oil, 180' muddy oil, 360' slightly oil and gas cut muddy water, 360' slightly oil cut water.

Cations	mg/l	meq/l
Sodium	11,704	509.09
Potassium	30	0.77
Lithium	-	-
Calcium	559	27.89
Magnesium	426	35.02
Iron	present	-
Total Cations		572.77

Anions	mg/l	meq/l
Sulfate	10,576	219.98
Chloride	10,900	307.38
Carbonate	-	-
Bicarbonate	2,769	45.41
Hydroxide	-	-
Hydrogen sulfide	absent	-
Total Anions		572.77

Total dissolved solids, mg/l 35,559
NaCl equivalent, mg/l 30,053
Observed pH 7.9

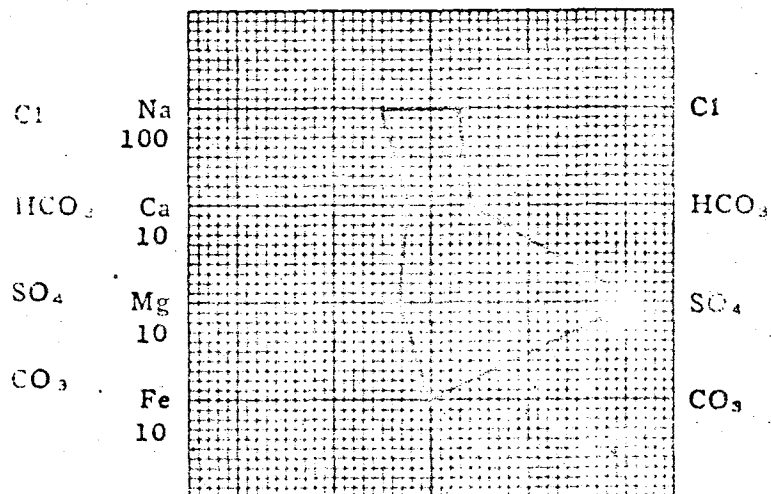
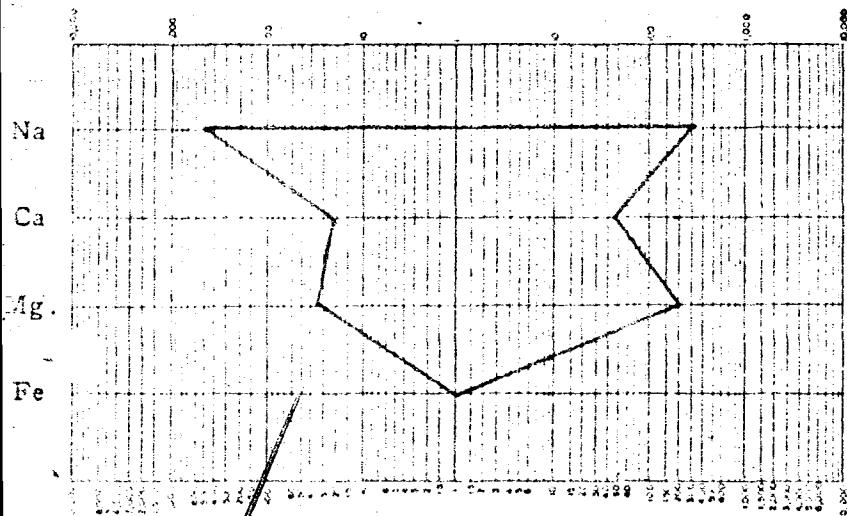
Specific resistance @ 68° F.:
Observed 0.26 ohm-meters
Calculated 0.24 ohm-meters

WATER ANALYSIS PATTERNS

MEQ per unit

LOGARITHMIC

STANDARD



(Na value in above graphs includes Na, K, and Li)

NOTE: Mg/l = Milligrams per liter. Meq/l = Milligram equivalents per liter
Sodium chloride equivalent - by Dunlap & Hawthorne calculation from components

Miami Oil Producers, Inc.

DRILLING - DEVELOPING - OPERATING OIL PROPERTIES

AREA CODE 915-677-6253

P. O. DRAWER 2040

Abilene, Texas 79604

CARL MILES
PRESIDENT

May 13, 1970

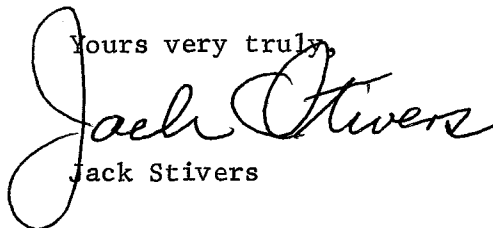
The State of Utah
Oil & Gas Conservation Commission
348 East South Temple
Suite 301
Salt Lake City, Utah 84111

Re: Miami State 513 #1
Sec. 2, T11S, R15E,
Duchesne County, Utah

Gentlemen:

In checking our well file we do not find an executed copy of the plugging affidavit. It is our understanding from the dirt contractor that this location has been restored to as near the original condition as possible. We would appreciate if you would furnish us a signed plugging affidavit so that we can get a release from our bonding company.

Yours very truly,


Jack Stivers

JS/tk

cc: Bob Springer



CALVIN L. RAMPTON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328-5771

May 21, 1970

OIL & GAS CONSERVATION BOARD

DELBERT M. DRAPER, JR.
Chairman

CHARLES R. HENDERSON
ROBERT R. NORMAN
WALLACE D. YARDLEY
WESLEY R. DICKERSON

Miami Oil Producers, Inc.
Drawer 2040
Abilene, Texas 79604

Re: Miami State #513-1
Sec. 2, T. 11 S, R. 15 E,
Duchesne County, Utah

Gentlemen:

Enclosed please find a copy of a memo which recommended that liability under bond be released for the above referred to well.

The Division of State Lands has been advised of this matter by phone and also by copy of this letter.

I hope this is what you required.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DeROSE
SUPERVISING STENOGRAPHER

:sd
cc: Division of State Lands